

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 8694 ft. Lat: 37.8769° N Lon: 119.3436° W
Station: TUOLUMNE MEADOWS RS, CA US USC00049063

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	40.6	12.8	26.7				0.0	0.0	0.0	0.0	0.0	0.0	877.6	939.6	1032.5	1187.5	0.0	0.0	7.0	6.9	30.8	4.0
02	38.5	12.1	25.3				0.0	0.0	0.0	0.0	0.0	0.0	831.3	887.3	971.4	1111.4	0.0	0.0	6.9	8.5	28.0	4.7
03	42.1	14.9	28.5				0.0	0.0	0.0	0.0	0.0	0.0	821.5	883.5	976.5	1131.5	0.0	0.0	7.8	5.9	30.8	2.3
04	45.4	21.9	33.7				0.0	0.0	0.0	0.0	0.0	0.0	640.5	700.5	790.5	940.5	0.0	0.0	13.9	1.3	29.1	0.7
05	53.8	26.9	40.4				0.1	0.0	0.0	0.0	0.0	0.0	454.3	516.1	609.2	764.2	0.0	0.0	21.7	0.1	27.7	0.0
06	64.6	32.9	48.8				13.6	5.9	1.2	0.0	0.0	0.0	201.2	253.4	338.8	487.5	0.0	0.0	29.4	0.0	12.9	0.0
07	71.5	38.5	55.0				52.6	26.7	6.5	0.0	0.0	0.0	52.9	88.9	161.5	310.1	0.0	0.0	30.9	0.0	3.6	0.0
08	70.3	36.5	53.4				27.0	12.5	2.4	0.0	0.0	0.0	76.6	124.2	207.0	359.6	0.0	0.0	31.0	0.0	5.0	0.0
09	64.9	32.4	48.7				4.7	1.4	0.1	0.0	0.0	0.0	195.3	252.0	340.7	490.5	0.0	0.0	28.5	0.0	16.0	0.0
10	57.2	26.2	41.7				0.1	0.0	0.0	0.0	0.0	0.0	412.4	474.3	567.3	722.3	0.0	0.0	26.7	0.6	29.1	0.0
11	46.7	19.8	33.3				0.0	0.0	0.0	0.0	0.0	0.0	652.5	712.5	802.5	952.5	0.0	0.0	15.3	2.7	29.6	0.4
12	39.5	12.0	25.8				0.0	0.0	0.0	0.0	0.0	0.0	906.4	968.4	1061.6	1216.6	0.0	0.0	4.7	8.2	30.9	4.4
Summary	52.9	23.9	38.4	0.0	0.0	0.0	98	46	10	0	0	0	6122	6801	7860	9674	0.0	0.0	223.8	34.2	273.5	16.5

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	6.19							
02	3.99							
03	4.21							
04	2.04							
05	1.70							
06	0.64							
07	0.54							
08	0.53							
09	0.52							
10	1.80							
11	3.10							
12	4.56							
Summary	29.82	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2.2	1.0	2.6	10.6	79.0	269.2	464.4	415.3	269.4	103.2	16.0	1.2
45	0.2	0.0	0.2	0.6	22.0	143.9	310.8	260.8	141.4	31.9	1.2	0.0
50	0.0	0.0	0.0	0.0	2.2	56.4	164.9	116.9	44.1	5.6	0.0	0.0
55	0.0	0.0	0.0	0.0	0.1	13.6	52.6	27.0	4.7	0.1	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	1.2	6.5	2.4	0.1	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	10.3	7.8	12.4	21.0	91.2	222.4	333.4	314.6	228.1	130.0	34.2	10.5

Growing Degree Units (Accumulated Monthly)												
40	2	3	6	16	95	365	829	1244	1514	1617	1633	1634
45	0	0	0	1	23	167	478	738	880	912	913	913
50	0	0	0	0	2	59	224	340	384	390	390	390
55	0	0	0	0	0	14	66	93	98	98	98	98
60	0	0	0	0	0	1	8	10	10	10	10	10
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	10	18	30	52	143	365	698	1013	1241	1371	1405	1416

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.